Bruhath Bangalore Mahanagara Palike Dasarahalli Zone

Name of Work:Improvements to Footpath & Culverts in Ward No.13, Shettyhalli Sub Division.

					Est .Cost Rs.50.00 Lakhs				
Sl No	Description of Items	Unit	No	L	B	D	Qty	Rate	Amount
1	KSRRB 300-3. Earthwork excavation by manual means in ordinary soil invoiving in average horizontal throw up to 2m & an average lift upto 1.5m , excavated surface leveled & sides neatly dressed , the disposed earth to be levelled neatly after breaking of clods complete as per specification MORTH/ Chapter 3. Page No. 142/ Item No. 19.1/ PWD SR 2016-17								
		Cum	41	6.50	1.50	1.50	599.63		
	Approch		82	6.40	1.00	0.20	104.96		
							702.59	**175.96**	**123627.74**
2	KSRB 4-1.3 : Providing and laying in position plain cement concrete of mix 1:4:8 with OPC cement @ 180kgs, with 40mm and down size graded granite metal coarse aggregates @0.85cum and fine aggregates @ 0.57cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1,4.2 Page No.12/ Item No. 4.3/ PWD SR 2016-17								
		Cum	41	6.50	1.50	0.23	91.94		
							91.94	**5159.02**	**474333.20**
3	KSRB 5.3-3: Providing and constructing granite / trap / basalt size stone masoniy in basement with cement mortar 1:6, edges of stones chistle dressed in courses not less than 15 cms high, bond stones at 2m. apart in each course including cost of materials, labour, curing complete as per specifications. KBS 5.1.13 Page No.23/ Item No. 5.9/ PWD SR 2016-17								
		Cum	8	6.20	0.60	0.90	26.78		
			8	5.10	0.60	0.90	22.03		
							48.82	**5305.30**	**258983.52**
4	KSRB 4.2.2 : Providing and laying in position reinforced cement concrete of Design mix M20 with OPC cement @ 320kgs, with 20mm and down size graded granite metal coarse aggregates @0.69cum and fine aggregtes @ 0.460 cum, with super piasticisers @ 3 liters confirming to IS 9103-1999 reafirmed-2008, machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for all works in foundation for footings, pedastals, retaining walls, return walls, walls (any thickness) including attached pilasters, columnspillars, posts, struts, buttresses, bed blocks, anchor blocks & plinths etc., including cost of all materials, labour, HOM of machinery, curing, complete but excluding cost of reinforcement as per specifications. Specification No. KBS 4.1,4.6 Page No.13/ Item No. 4.11/ PWD SR 2016-17								
	Bottom	Cum	41	6.50	1.50	0.20	79.95		
	side walls		82	5.80	0.70	0.30	99.88		
	Copping on SSM		16	6.50	0.60	0.15	9.36		
	Covering		49	6.50	1.50	0.23	109.88		
	Approch		98	6.50	0.45	0.20	57.33		
							356.40		
	Deduct for covering		90	0.50	0.50	0.23	5.18		
							351.22		
							351.22	**6371.66**	**2237876.73**
5	Providing & laying reinforeced cement precast slabs of mix CC 1:11/2:3 using 20mm & down size graded Granite metal using HYSD 10mm dia steel @ 100mm c/c both ways & Complete as per								
		Sqm	1	160.00	0.60	0.90	86.40		
							86.40	**1680.00**	**145152.00**

6	KSRB 4.9.2: Providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications.Specification No. KBS 4.6.3, TMT bars Fe 500. Page No. 17/ Item No. 4.46.2/ PWD SR 2016-17								
		Tonnes		**196.70**	x	85kgs	16.72		
						Say	**16.72**	**60103.06**	**1004923.16**
6	KSRB 4-6.4 : Providing and removing centering, shuttering, strutting,. propping etc., and removal of form work for vertical surface such as walls at any thickness, including attached1 pilasters, buttresses, plinth cilis and string courses cost of all materials, labour complete as per specifications. Specification No. KBS 4.6.2 Page No.15/ Item No. 4.31/ PWD SR 2016-17								
		Sqm	60	6.00	1.20		432.00		
							432.00	**310.58**	**134170.56**
7	KSRB 4-6.4 : Providing and fixing manhole cover "ISI Marked" of Size 24" X 24" at 32.00 Kg Wt etc., Complete as per specifications. Specification No. KBS 4.6.2 Page No.XXXVI/ PWD SR 2016-17								
		Sqm	120				120.00		
							120.00	**1712.96**	**205555.20**
									4584500.00
						Sub Total			**4581753.96**
11	**Miscellaneous and Other Charges**							412605.96	**412357.86**
12	**Rounding off**							2895	**5888**
						Grand Total			**5000000.00**
	(Rupees Fifty Lakhs Only)								

CERTIFICATE

1 The Work spot has been inspected and the work found to be necessary
2 The Estimate is prepared as per the PWD SR 2016-17
3 The Provision made in estimate are adequate and essential
4 This area comes under BBMP limits.
5 This work is not included in any other estimate.

Asst Engineer
Ward No-13

Asst Executive Engineer
Shettyhalli Sub-Division
BBMP

Executive Engineer
Dasarahalli Zone
BBMP

ನಂ. JC/D/AS/07/17-18 ದಿನಾಂಕ : 27/4/17
ರೂ. Fifty Lakh Rupees only
ಗಳ ಅಂದಾಜು ಪಟ್ಟಿಗೆ ಆಡಳಿತಾತ್ಮಕ ಮಂಜೂರಾತಿ ನೀಡಿದೆ.
ಜಂಟಿ ಆಯುಕ್ತರು
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ
ದಾಸರಹಳ್ಳಿ ವಲಯ, ಬೆಂಗಳೂರು.

ನಂ. CE/DZ/TS/KS/17-18 ದಿನಾಂಕ : 28/4/17
ರೂ. 50.00 Lakhs (Rupees Fifty Lakhs Only)
ಗಳ ಅಂದಾಜು ಪಟ್ಟಿಗೆ ತಾಂತ್ರಿಕ ಮಂಜೂರಾತಿ.
ತಾಂತ್ರಿಕ ಸಹಾಯಕರು
ಮುಖ್ಯ ಅಭಿಯಂತರರು
ಬಿ.ಬಿ.ಎಂ.ಪಿ
ದಾಸರಹಳ್ಳಿ ವಲಯ, ಬೆಂ.